

# GPS/Plotter/Sounder GP-1600F

## Operator's Guide

The purpose of this operator's guide is to provide the basic operating procedures for this equipment. For detailed information, refer to the operator's manual.

### Selecting video sounder display

Press **[SNDR]** key.

### Basic operation of video sounder

- **Automatic operation**  
**[AUTO]** : Select CRUISE or FISH mode.
- **Manual operation**  
**[AUTO]** → ▼ to select "Manual" → ▼ to select item → set value by Arrow keys → **[ESC]**  
 Items : • Gain • Range • Shift

### Adjusting video sounder picture

**[MENU]** → **[6]** → select item and set value by Arrow keys → **[ESC]**

Items : CLUTTER, ADVANCE, NOISE LIMITER, DEPTH ALERT, TEMP GRAPH, BRIGHT ECHO, ZOOM

### Fish and bottom Alarms

**[MENU]** → **[5]** → ▼ to select fish or bottom alarm (2nd page) → ◀ to turn on the alarm → ▼ → enter alarm range → **[ENT]** → **[ESC]**

### Changing video sounder settings

**[MENU]** → **[0]** → **[3]** → ▼ to select item → ◀ or ▶ to change setting → **[ENT]** → **[ESC]**

Items : • Expansion markers • TVG  
 • Echo level correction  
 • Bottom-lock range • ES-stop

### Selecting plotter display

Press **[PLTR]** key.

### Shifting the display

- **Centering own ship:**  
**[CURS]** to turn off cursor → **[CNTR]**
- **Centering a location:**  
**[CURS]** to turn on cursor → select location by cursor → **[CNTR]**
- **Scrolling the display:**  
**[CURS]** to turn off cursor → Arrow keys

### Changing track recording interval

**[MENU]** → **[2]** → select "PLOT INTVL" and "TIME", "DIST" or "AUTO" by Arrow keys → (enter value) → **[ENT]** → **[ESC]**

### Entering a mark

**[EVENT]**

(Mark is entered at cursor location or at own ship's position. Either mode is selected on the PLTR SETUP menu: [MENU] [0] [2]).

### Mark attributes

- **Shape / size / tone / line type:**  
**[MENU]** → **[2]** → select item/attribute by Arrow keys → **[ESC]**



---

## Entering waypoints

---

- **Mode selection:**

**WPT** → **MENU** → ▲ or ▼ → **ENT**

- **Through waypoint list:**

**WPT** → ▼ to select wpt no. → **ENT** →  
enter lat/long → ▼ → select a mark →  
**ENT** → enter a comment → select  
“ENTER” → **ENT** twice

- **By cursor:**

**WPT** → move cursor → **ENT** → **ENT**  
(or ▼ → select a mark → **ENT** → enter  
comment → select “ENTER” → **ENT** →  
**ENT** )

---

## Setting destination

---

**GOTO** → ▲ or ▼ → **ENT**

- **Mode selection:**

**GOTO** → **MENU** → ▲ or ▼ → **ENT**

- **Canceling waypoint navigation:**

**GOTO** → **CLR** → **ENT** → **ESC** twice

---

## Entering routes (max. 20 routes)

---

**MENU** → **4** → ▲ or ▼ (select empty  
route) → **ENT** twice → select waypoint no.  
by Arrow keys → **ENT** → select other  
waypoints in order they are to be navigated →  
**ESC** to quit route list → **ESC** twice

---

## Following a route

---

- **Mode selection :**

**GOTO** → **MENU** → ▲ or ▼ (Route List or  
Route Plot) → **ESC** twice

- **By cursor-created route :**

**GOTO** → place cursor → **ENT** → move  
cursor → **ENT** (twice) → ▲ or ▼ to select  
route no. → **ENT**

- **By route list:**

**GOTO** → ▲ or ▼ → **TONE** (Forward or  
reverse) → **ENT**

---

## Canceling route navigation

---

**GOTO** → **CLR** to cancel → **ENT** →  
**ESC** twice

---

## Setting alarms

---

**MENU** → **5** → select alarm by Arrow  
keys and set range → **ENT** → **ESC**

---

## Changing waypoint mark size

---

**MENU** → **1** → ▲ or ▼ to select “WPT  
MARK SIZE” → ◀ or ▶ to select “L” or “S”  
→ **MENU**

“S” displays waypoint mark by “X”.

---

## Entering MOB mark

---

Press **EVENT MOB** over 3 seconds.

The MOB position is selected as destination  
point automatically.